

IN THE CLAIMS:

Please cancel Claims 1 to 18 without prejudice or disclaimer of subject matter, and add new Claims 19 to 39 as shown below. The claims, as pending in the subject application, now read as follows:

1. to 18. (Canceled)

19. (New) An image processing system having plural devices, including a device capable of executing predetermined image processing, interconnected via a serial bus, wherein a processing program for execution of said image processing is downloaded from said device capable of executing predetermined image processing to a device, which does not have a function of executing said image processing, among said plural devices, wherein processing performance information indicating performance of executing said image processing upon using the downloaded processing program is obtained from each of said plural devices, and wherein an executing device to execute said image processing is determined from said plural devices based on said processing performance information and time to be taken for transferring data to each device.

20. (New) The image processing system according to Claim 19, wherein said processing performance information is obtained at each of plural processing steps constructing said image processing.

21. (New) The image processing system according to Claim 20, wherein said processing performance information is obtained by measuring processing time upon execution of said image processing on predetermined sample image data.

22. (New) The image processing system according to Claim 20, wherein said executing device is determined at each of plural processing steps constructing said image processing based on said processing performance information.

23. (New) The image processing system according to Claim 19, wherein said plural devices include an image supply device and an image printing device.

24. (New) The image processing system according to Claim 23, wherein said plural devices include a digital broadcast tuner, and wherein the processing program for execution of said image processing is downloaded to said tuner.

25. (New) The image processing system according to Claim 24, wherein said tuner is a set top box.

26. (New) The image processing system according to Claim 19, wherein said image processing is processing of transforming image data to print data.

27. (New) A control method of an image processing system having plural devices, including a device capable of executing predetermined image processing, interconnected via a serial bus,

wherein a processing program for execution of said image processing is downloaded from said device capable of executing predetermined image processing to a device, which does not have a function of executing said image processing, among said plural devices,

wherein processing performance information indicating performance of executing said image processing upon using the downloaded processing program is obtained from each of said plural devices, and

wherein an executing device to execute said image processing is determined from said plural devices based on said processing performance information and time to be taken for transferring data to each device.

28. (New) The control method of the image processing system according to Claim 27, wherein said processing performance information is obtained at each of plural processing steps constructing said image processing.

29. (New) The control method of the image processing system according to Claim 28, wherein said processing performance information is obtained by measuring processing time upon execution of said image processing on predetermined sample image data.

30. (New) The control method of the image processing system according to Claim 28, wherein said executing device is determined at each of plural processing steps constructing said image processing based on said processing performance information.

31. (New) An image processing apparatus, connected to plural devices via a serial bus, capable of executing of predetermined image processing,

wherein a processing program for execution of said image processing is downloaded to a device which does not have a function of executing said image processing, among said plural devices,

wherein processing performance information indicating performance of executing said image processing upon using the downloaded processing program is obtained from each of said plural devices and said apparatus, and

wherein an executing device to execute said image processing is determined from said plural devices and said apparatus based on said processing performance information and time to be taken for transferring data to each device.

32. (New) The image processing apparatus according to Claim 31, wherein said processing performance information is obtained at each of plural processing steps constructing said image processing.

33. (New) The image processing apparatus according to Claim 32, wherein said processing performance information is obtained by measuring processing time upon execution of said image processing on predetermined sample image data.

34. (New) The image processing apparatus according to Claim 31, wherein said executing device is determined at each of plural processing steps constructing said image processing based on said processing performance information.

35. (New) An image processing apparatus connected to plural devices including a device capable of executing predetermined image processing interconnected via a serial bus, said apparatus not having a function of executing said image processing,

wherein a processing program for execution of said image processing is downloaded from said device capable of executing said image processing,

wherein processing performance information indicating performance of executing said image processing upon using the downloaded processing program is obtained from each of said plural devices and said apparatus, and

wherein an executing device to execute said image processing is determined from said plural devices and said apparatus based on said processing performance information and time to be taken for transferring data to each device.

36. (New) The image processing apparatus according to Claim 35, wherein said processing performance information is obtained at each of plural processing steps constructing said image processing.

37. (New) The image processing apparatus according to Claim 35, wherein said processing performance information is obtained by measuring processing time upon execution of said image processing on predetermined sample image data.

38. (New) The image processing apparatus according to Claim 35, wherein said executing device is determined at each of plural processing steps constructing said image processing based on said processing performance information.

39. (New) A recording medium holding a control program for controlling an image processing system having plural devices, including a device capable of executing predetermined image processing, interconnected via a serial bus, wherein said program comprises at least:

code for downloading a processing program for execution of said image processing from said device capable of executing predetermined image processing to a device, which does not have a function of executing said image processing, among said plural devices,

code for obtaining processing performance information indicating performance of executing said image processing upon using the downloaded processing program from each of said plural devices, and

code for determining an executing device to execute said image processing from said plural devices based on said processing performance information and time to be taken for transferring data to each device.